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ATTORNEY DOCKET NO. 10020421-1

TJW  
AF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Carl Myerholtz, et al.

Serial No.: 10/676,957

Examiner: Robert Thomas Crow

Filing Date: September 30, 2003

Group Art Unit: 1634

Title: DETECTION OF MOLECULAR BINDING EVENTS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input type="checkbox"/> Other: _____	(Fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X 50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						+ 360
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>	OTHER FEES	\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Carl Myerholtz, et al.

By

Theodore J. Leitereg  
Theodore J. Leitereg  
Attorney/Agent for Applicant(s)

Reg. No. 28,319

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

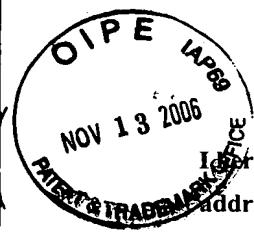
Date of Deposit: November 8, 2006

Date: November 8, 2006

Typed Name: Theodore J. Leitereg

Telephone No. 408-553-3864

Signature:



**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on November 8, 2006.

Signature Theodore J. Leitereg Date 11/8/06  
Name: Theodore J. Leitereg

PATENTS  
Attorney Docket No. 10020421-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Carl Myerholtz, et al.

Serial No.: 10/676,957

Group Art Unit: 1634

Confirmation No.: 8137

Examiner: Robert Thomas Crow

Filed: September 30, 2003

Title: DETECTION OF MOLECULAR BINDING EVENTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Response under 37 C.F.R. §1.116**

**Introductory Comments**

This is responsive to the Final Rejection in the Office Action dated September 8, 2006, from the U.S. Patent and Trademark Office in the above-identified patent application.

This response is submitted in accordance with the provisions of 37 CFR 1.121 (effective July 30, 2003).

No claim is amended herein. The claims are set forth below.